

GRAY 1752

Practitioner's Docket No. 50353

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **A. Pandya et al.**

Application No.: **09 / 228,694** Group No.: **1752**

Filed: **January 12, 1999** Examiner: **S. Lee**

For: **HYDROXYPHENYL COPOLYMERS AND PHOTORESISTS COMPRISING SAME**

**Assistant Commissioner for Patents
Washington, D.C. 20231**

RECEIVED
MAY -5 2000
TC 1700 MAIL ROOM

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is
- ☐ a small entity. A statement:
 - ☐ is attached.
 - ☐ was already filed.
 - ☒ other than a small entity.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

FACSIMILE

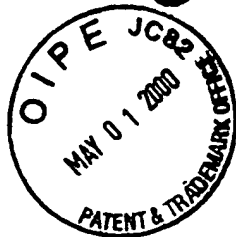
☐ transmitted by facsimile to the Patent and Trademark Office.

Date: 4/26/00

Deanna M. Rivernider
Signature

Deanna M. Rivernider
(type or print name of person certifying)

(Amendment Transmittal [9-19]—page 1 of 4)



EXTENSION OF TERM

NOTE: "Extension of Time in Patent Cases (Supplement Amendments) — If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).

NOTE: See 37 C.F.R. § 1.645 for extensions of time in interference proceedings, and 37 C.F.R. § 1.550(c) for extensions of time in reexamination proceedings.

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☐ Applicant petitions for an extension of time under 37 C.F.R. § 1.136 (fees: 37 C.F.R. § 1.17(a)(1)-(4) for the total number of months checked below.

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 380.00	\$ 190.00
<input type="checkbox"/> three months	\$ 870.00	\$ 435.00
<input type="checkbox"/> four months	\$ 1,360.00	\$ 680.00

Fee: \$ _____

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for _____ months has already been secured. The fee paid therefor of \$_____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ _____

OR

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

RECEIVED
MAY -5 2000
1017 MAIL ROOM



FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA		ADDIT. RATE		ADDIT. RATE	
						FEE		OR	
						FEE			
TOTAL *		MINUS **		=		x\$9 = \$		13	
								x\$18 = \$234.00	
INDEP. *		MINUS ***		=		x\$39 = \$		1	
								x\$78 = \$ 78.00	
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						+ \$130 = \$		+ \$260 = \$	
						TOTAL ADDIT. FEE \$		OR TOTAL ADDIT. FEE \$	

- * If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.
 - ** If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".
 - *** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".
- The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

WARNING: "After final rejection or action (§ 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 C.F.R. § 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c) ☐ No additional fee for claims is required.

OR

(d) ☒ Total additional fee for claims required \$312.00

FEE PAYMENT

5. ☒ Attached is a check in the sum of \$ 312.00

☐ Charge Account No. _____ the sum
of \$ _____

A duplicate of this transmittal is attached.

RECEIVED
MAY -5 2000
TC 1700 MAIL ROOM



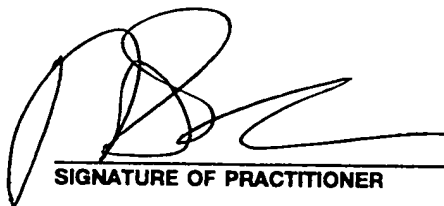
FEE DEFICIENCY

NOTE: If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. ☒ If any additional extension and/or fee is required, charge Account No. 04-1105

AND/OR

- ☒ If any additional fee for claims is required, charge Account No. 04-1105


SIGNATURE OF PRACTITIONER

Reg. No.: 33,860

Tel. No.: (617) 523-3400

Customer No.:

Peter F. Corless

(type or print name of practitioner)

Dike, Bronstein, Roberts & Cushman, LLP

130 Water Street

P.O. Address

Boston, MA 02109

RECEIVED
MAY - 5 2000
C 1700 MAIL ROOM



Docket No. 50353

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: A. Pandya et al.
SERIAL NO.: 09/228,694
FILED: January 12, 1999
FOR: HYDROXYPHENYL COPOLYMERS AND PHOTORESISTS COMPRISING SAME

EXAMINER: S. Lee
GROUP: 1752

THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, DC 20231

SIR:

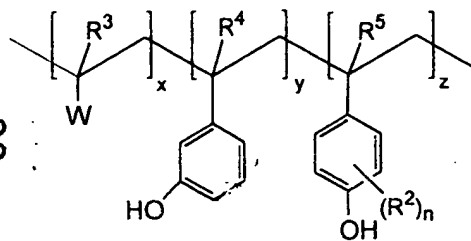
AMENDMENT

Applicants are in receipt of the Office Action dated February 16, 2000 for the above-identified application. Please amend the application as follows.

IN THE CLAIMS

1. (amended) A photoresist composition comprising a photoactive component and a resin that comprises a polymer that comprises 1) an acid labile group; 2) a meta-hydroxyphenyl group[.]; and 3) a para-hydroxyphenyl group, wherein the meta-hydroxyphenyl group has a single meta-hydroxy moiety and is unsubstituted at other available ring positions.

3. (amended) The photoresist of claim 1 wherein the polymer comprises a structure of Formula I



wherein W comprises an acid-labile group;

[R¹ and] each R² [are each] is the same or different non-hydrogen substituent;

05/02/2000 ASHLE 00000112 09228694

01 FC:103
02 FC:102

234.00 OP
76.00 OP

RECEIVED
MAY -5 2000
MAIL ROOM